

CLAIMS

1. A therapeutic system for the oral administration of one or more active ingredients in form of a tablet, characterised by the fact of comprising a nucleus containing the active ingredient(s) completely coated by a film coating of polymeric material, insoluble and impermeable to aqueous fluids, on which have been made
5 one or more incisions which define an area of predetermined dimensions and shape as a function of the rate and the progress of release of the active ingredient(s) desired, said release taking place from the area of the nucleus underlying the surfaces of the coating film delimited by the incision(s) which is removed when the therapeutic system comes into contact with aqueous fluids.
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2. The therapeutic system according to claim 1 in which the nucleus comprises one or more polymeric substances able to modulate the release of the active ingredient.
3. The therapeutic system according to claim 2, in which said polymeric
15 substances constitute between 1% and 90% in weight of said nucleus.
4. A therapeutic system according to claim 3, in which said polymeric substances constitute between 5% and 50% in weight of the said nucleus.
5. The therapeutic system according to claim 1, in which the nucleus further comprises one or more disaggregating and/or super disaggregating agents.
- 20 6. The therapeutic system according to claim 1, in which the nucleus further comprises one or more effervescent mixtures.
7. The therapeutic system according to claim 1, in which the nucleus further comprises hydrophilic diluents and/or wetting agents.
8. The therapeutic system according to claim 1, in which the nucleus further
25 comprises hydrophobic diluents.
9. The therapeutic system according to claim 1 in which the nucleus further comprises one or more substances selected from binding agents, lubricants, buffers, antiadherents, glidants and plasticisers.
10. The therapeutic system according to claim 1 in which the insoluble coating film
30 comprises one or more plasticising substances.
11. The therapeutic system according to claim 1 in which the insoluble coating film constitutes from 0.2% to 30% in weight of the weight of the tablet.

12. The therapeutic system according to claim 11 in which the insoluble coating film constitutes from 2% to 25% in weight of the weight of the tablet.
13. The therapeutic system according to 1 in which the incision(s) define an area of dimensions comprised of between 2% and 80% of the total surface of the coating film.
14. The therapeutic system according to claim 13 in which the incision(s) define an area of dimensions comprised of between 5% and 70% of the total surface of the coating film.
15. The therapeutic system according to claim 1, in which onto the insoluble coating film a second film of gastroresistant and enterosoluble polymeric coating is applied.
16. A process for the manufacture of a therapeutic system according to claim 1, characterised by the fact that the incision(s) in the coating film are made by laser.
17. The process according to claim 16, in which the incision(s) in the coating film are made with a CO₂ laser device having a power of 20 W.